

Project Name: CP2-3 Main and SB
 Description: Combined Preferred alignment
 Horizontal Alignment Name: S2 SB Track
 Description:
 Style: Default

	STATION	NORTHING	EASTING
Element: Linear			
POT ()	1130000.00	2124498.305	6341491.341
TS ()	1141984.32	2112514.508	6341379.631
Tangent Direction:	S 0^32'03" W		
Tangent Length:	11984.32		
Element: Cosine			
TS ()	1141984.32	2112514.508	6341379.631
SPI ()	1142827.54	2111671.321	6341371.771
SC ()	1143184.39	2111314.469	6341371.503
Entrance Radius:	0.00		
Exit Radius:	70008.25		
Length:	1200.07		
Angle:	0^29'28" Left		
Constant:	9165.96		
Long Tangent:	843.22		
Short Tangent:	356.85		
Long Chord:	1200.07		
Xs:	1200.06		
Ys:	3.06		
P:	0.49		
K:	600.03		
Tangent Direction:	S 0^32'03" W		
Radial Direction:	N 89^27'57" W		
Chord Direction:	S 0^23'17" W		
Radial Direction:	N 89^57'25" W		
Tangent Direction:	S 0^02'35" W		
Element: Circular			
SC ()	1143184.39	2111314.469	6341371.503
POT ()	1143934.54	2110564.317	6341370.940
CC ()		2111261.923	6411379.733
CS ()	1144684.64	2109814.324	6341386.451
Radius:	70008.25		
Delta:	1^13'40" Left		
Degree of Curvature (Arc):	0^04'55"		
Length:	1500.25		
Tangent:	750.15		
Chord:	1500.22		
Middle Ordinate:	4.02		
External:	4.02		
Tangent Direction:	S 0^02'35" W		
Radial Direction:	N 89^57'25" W		
Chord Direction:	S 0^34'15" E		
Radial Direction:	S 88^48'55" W		
Tangent Direction:	S 1^11'05" E		
Element: Cosine			
CS ()	1144684.64	2109814.324	6341386.451
SPI ()	1145041.49	2109457.548	6341393.830
ST ()	1145884.71	2108614.686	6341418.491
Entrance Radius:	70008.25		
Exit Radius:	0.00		
Length:	1200.07		
Angle:	0^29'28" Left		
Constant:	9165.96		
Long Tangent:	843.22		
Short Tangent:	356.85		
Long Chord:	1200.07		
Xs:	1200.06		
Ys:	3.06		
P:	0.49		
K:	600.03		
Tangent Direction:	S 1^11'05" E		
Radial Direction:	S 88^48'55" W		
Chord Direction:	S 1^31'48" E		
Radial Direction:	S 88^19'27" W		
Tangent Direction:	S 1^40'33" E		
Element: Linear			
ST ()	1145884.71	2108614.686	6341418.491
TS ()	1149534.60	2104966.351	6341525.235

Tangent Direction: S 1^40'33" E
Tangent Length: 3649.90

Element: Cosine

TS ()	1149534.60	2104966.351	6341525.235
SPI ()	1150588.68	2103912.729	6341556.062
SC ()	1151034.74	2103467.110	6341576.537
Entrance Radius:	0.00		
Exit Radius:	45008.25		
Length:	1500.14		
Angle:	0^57'17" Left		
Constant:	8216.97		
Long Tangent:	1054.07		
Short Tangent:	446.09		
Long Chord:	1500.12		
Xs:	1500.10		
Ys:	7.43		
P:	1.18		
K:	750.07		
Tangent Direction:	S 1^40'33" E		
Radial Direction:	S 88^19'27" W		
Chord Direction:	S 1^57'35" E		
Radial Direction:	S 87^22'09" W		
Tangent Direction:	S 2^37'51" E		

Element: Circular

SC ()	1151034.74	2103467.110	6341576.537
POT ()	1153720.27	2100784.411	6341699.800
CC ()		2105532.942	6386537.352
CS ()	1156399.44	2098135.403	6342141.193
Radius:	45008.25		
Delta:	6^49'45" Left		
Degree of Curvature(Arc):	0^07'38"		
Length:	5364.70		
Tangent:	2685.53		
Chord:	5361.52		
Middle Ordinate:	79.91		
External:	80.05		
Tangent Direction:	S 2^37'51" E		
Radial Direction:	S 87^22'09" W		
Chord Direction:	S 6^02'43" E		
Radial Direction:	S 80^32'24" W		
Tangent Direction:	S 9^27'36" E		

Element: Cosine

CS ()	1156399.44	2098135.403	6342141.193
SPI ()	1156845.53	2097695.381	6342214.512
ST ()	1157899.58	2096658.675	6342405.061
Entrance Radius:	45008.25		
Exit Radius:	0.00		
Length:	1500.14		
Angle:	0^57'17" Left		
Constant:	8216.97		
Long Tangent:	1054.07		
Short Tangent:	446.09		
Long Chord:	1500.12		
Xs:	1500.10		
Ys:	7.43		
P:	1.18		
K:	750.07		
Tangent Direction:	S 9^27'36" E		
Radial Direction:	S 80^32'24" W		
Chord Direction:	S 10^07'51" E		
Radial Direction:	S 79^35'06" W		
Tangent Direction:	S 10^24'54" E		

Element: Linear

ST ()	1157899.58	2096658.675	6342405.061
TS ()	1162739.39	2091898.602	6343279.976
Tangent Direction:	S 10^24'54" E		
Tangent Length:	4839.81		

Element: Cosine

TS ()	1162739.39	2091898.602	6343279.976
SPI ()	1163793.46	2090861.896	6343470.525
SC ()	1164239.52	2090424.561	6343558.467
Entrance Radius:	0.00		
Exit Radius:	45008.25		
Length:	1500.14		

Angle:	0 ^{57'17"} Left		
Constant:	8216.97		
Long Tangent:	1054.07		
Short Tangent:	446.09		
Long Chord:	1500.12		
Xs:	1500.10		
Ys:	7.43		
P:	1.18		
K:	750.07		
Tangent Direction:	S 10 ^{24'54"} E		
Radial Direction:	S 79 ^{35'06"} W		
Chord Direction:	S 10 ^{41'56"} E		
Radial Direction:	S 78 ^{37'49"} W		
Tangent Direction:	S 11 ^{22'11"} E		

Element: Circular			
SC ()	1164239.52	2090424.561	6343558.467
POT ()	1165921.97	2088775.131	6343890.143
CC ()		2099297.454	6387683.452
CS ()	1167602.85	2087155.066	6344344.036
Radius:	45008.25		
Delta:	4 ^{16'54"} Left		
Degree of Curvature(Arc):	0 ^{07'38"}		
Length:	3363.33		
Tangent:	1682.45		
Chord:	3362.55		
Middle Ordinate:	31.41		
External:	31.43		
Tangent Direction:	S 11 ^{22'11"} E		
Radial Direction:	S 78 ^{37'49"} W		
Chord Direction:	S 13 ^{30'38"} E		
Radial Direction:	S 74 ^{20'55"} W		
Tangent Direction:	S 15 ^{39'05"} E		

Element: Cosine			
CS ()	1167602.85	2087155.066	6344344.036
SPI ()	1168048.94	2086725.517	6344464.383
ST ()	1169102.99	2085715.408	6344765.627
Entrance Radius:	45008.25		
Exit Radius:	0.00		
Length:	1500.14		
Angle:	0 ^{57'17"} Left		
Constant:	8216.97		
Long Tangent:	1054.07		
Short Tangent:	446.09		
Long Chord:	1500.12		
Xs:	1500.10		
Ys:	7.43		
P:	1.18		
K:	750.07		
Tangent Direction:	S 15 ^{39'05"} E		
Radial Direction:	S 74 ^{20'55"} W		
Chord Direction:	S 16 ^{19'20"} E		
Radial Direction:	S 73 ^{23'38"} W		
Tangent Direction:	S 16 ^{36'22"} E		

Element: Linear			
ST ()	1169102.99	2085715.408	6344765.627
TS ()	1172530.27	2082431.070	6345745.111
Tangent Direction:	S 16 ^{36'22"} E		
Tangent Length:	3427.28		

Element: Cosine			
TS ()	1172530.27	2082431.070	6345745.111
SPI ()	1173373.50	2081623.016	6345986.096
SC ()	1173730.34	2081281.933	6346091.008
Entrance Radius:	0.00		
Exit Radius:	70008.25		
Length:	1200.07		
Angle:	0 ^{29'28"} Left		
Constant:	9165.96		
Long Tangent:	843.22		
Short Tangent:	356.85		
Long Chord:	1200.07		
Xs:	1200.06		
Ys:	3.06		
P:	0.49		
K:	600.03		
Tangent Direction:	S 16 ^{36'22"} E		

Radial Direction: S 73[^]23'38" W
 Chord Direction: S 16[^]45'08" E
 Radial Direction: S 72[^]54'10" W
 Tangent Direction: S 17[^]05'50" E

Element: Circular
 SC () 1173730.34 2081281.933 6346091.008
 POT () 1174473.47 2080571.650 6346309.482
 CC () 2101863.886 6413005.419
 CS () 1175216.54 2079866.163 6346542.984
 Radius: 70008.25
 Delta: 1[^]12'59" Left
 Degree of Curvature(Arc): 0[^]04'55"
 Length: 1486.19
 Tangent: 743.12
 Chord: 1486.17
 Middle Ordinate: 3.94
 External: 3.94
 Tangent Direction: S 17[^]05'50" E
 Radial Direction: S 72[^]54'10" W
 Chord Direction: S 17[^]42'19" E
 Radial Direction: S 71[^]41'11" W
 Tangent Direction: S 18[^]18'49" E

Element: Cosine
 CS () 1175216.54 2079866.163 6346542.984
 SPI () 1175573.39 2079527.385 6346655.112
 ST () 1176416.61 2078729.170 6346926.918
 Entrance Radius: 70008.25
 Exit Radius: 0.00
 Length: 1200.07
 Angle: 0[^]29'28" Left
 Constant: 9165.96
 Long Tangent: 843.22
 Short Tangent: 356.85
 Long Chord: 1200.07
 Xs: 1200.06
 Ys: 3.06
 P: 0.49
 K: 600.03
 Tangent Direction: S 18[^]18'49" E
 Radial Direction: S 71[^]41'11" W
 Chord Direction: S 18[^]39'31" E
 Radial Direction: S 71[^]11'44" W
 Tangent Direction: S 18[^]48'16" E

Element: Linear
 ST () 1176416.61 2078729.170 6346926.918
 TS () 1180200.40 2075147.338 6348146.592
 Tangent Direction: S 18[^]48'16" E
 Tangent Length: 3783.80

Element: Cosine
 TS () 1180200.40 2075147.338 6348146.592
 SPI () 1181605.96 2073816.805 6348599.661
 SC () 1182200.69 2073260.636 6348810.708
 Entrance Radius: 0.00
 Exit Radius: 29008.25
 Length: 2000.28
 Angle: 1[^]58'32" Left
 Constant: 7617.40
 Long Tangent: 1405.56
 Short Tangent: 594.87
 Long Chord: 2000.17
 Xs: 2000.07
 Ys: 20.51
 P: 3.27
 K: 1000.12
 Tangent Direction: S 18[^]48'16" E
 Radial Direction: S 71[^]11'44" W
 Chord Direction: S 19[^]23'31" E
 Radial Direction: S 69[^]13'12" W
 Tangent Direction: S 20[^]46'48" E

Element: Circular
 SC () 1182200.69 2073260.636 6348810.708
 POT () 1192106.62 2063999.094 6352325.141
 CC () 2083552.207 6375931.957
 CS () 1201292.20 2058821.597 6360770.312

Radius:	29008.25
Delta:	37 ^{42'31"} Left
Degree of Curvature(Arc):	0 ^{11'51"}
Length:	19091.51
Tangent:	9905.93
Chord:	18748.81
Middle Ordinate:	1556.49
External:	1644.74
Tangent Direction:	S 20 ^{46'48"} E
Radial Direction:	S 69 ^{13'12"} W
Chord Direction:	S 39 ^{38'04"} E
Radial Direction:	S 31 ^{30'41"} W
Tangent Direction:	S 58 ^{29'19"} E

Element: Cosine	
CS ()	1201292.20
SPI ()	2058821.597
ST ()	6360770.312
Entrance Radius:	1201887.07
Exit Radius:	2058510.680
Length:	1203292.49
Angle:	2000.28
Constant:	1 ^{58'32"} Left
Long Tangent:	7617.40
Short Tangent:	1405.56
Long Chord:	594.87
Xs:	2000.17
Ys:	2000.07
P:	20.51
K:	3.27
Tangent Direction:	1000.12
Radial Direction:	S 58 ^{29'19"} E
Chord Direction:	S 31 ^{30'41"} W
Radial Direction:	S 59 ^{52'36"} E
Tangent Direction:	S 29 ^{32'09"} W
Tangent Direction:	S 60 ^{27'51"} E

Element: Linear	
ST ()	1203292.49
TS ()	2057817.785
Tangent Direction:	6362500.358
Tangent Length:	1209925.30
	2054548.019
	6368271.220

Element: Cosine	
TS ()	1209925.30
SPI ()	2054548.019
SC ()	6368271.220
Entrance Radius:	1211119.69
Exit Radius:	1211625.11
Length:	36491.75
Angle:	2000.81
Constant:	1 ^{20'04"} Right
Long Tangent:	7875.85
Short Tangent:	1194.39
Long Chord:	505.48
Xs:	1699.77
Ys:	1699.72
P:	11.77
K:	1.87
Tangent Direction:	849.90
Radial Direction:	S 60 ^{27'51"} E
Chord Direction:	S 29 ^{32'09"} W
Radial Direction:	S 60 ^{04'02"} E
Tangent Direction:	S 505.48
Tangent Direction:	S 30 ^{52'13"} W
Tangent Direction:	S 59 ^{07'47"} E

Element: Circular	
SC ()	1211625.11
POT ()	2053699.867
CC ()	6369744.258
CS ()	1231891.89
Radius:	2043301.055
Delta:	2022377.866
Degree of Curvature(Arc):	6387139.866
Length:	1248625.13
Tangent:	36491.75
Chord:	0 ^{09'25"}
Middle Ordinate:	58 ^{05'38"} Right
External:	20266.78
Tangent Direction:	35435.35
Radial Direction:	4589.84
Tangent Direction:	5250.20
Radial Direction:	S 59 ^{07'47"} E
Tangent Direction:	S 30 ^{52'13"} W

Chord Direction: S 30⁰4'58" E
Radial Direction: S 88⁰57'51" W
Tangent Direction: S 1⁰02'09" E

Element: Cosine

CS ()	1248625.13	2023037.586	6387506.261
SPI ()	1249130.61	2022532.192	6387515.399
ST ()	1250324.94	2021337.823	6387509.175
Entrance Radius:	36491.75		
Exit Radius:	0.00		
Length:	1699.81		
Angle:	1 ⁰ 20'04" Right		
Constant:	7875.85		
Long Tangent:	1194.39		
Short Tangent:	505.48		
Long Chord:	1699.77		
Xs:	1699.72		
Ys:	11.77		
P:	1.87		
K:	849.90		
Tangent Direction:	S 1 ⁰ 02'09" E		
Radial Direction:	S 88 ⁰ 57'51" W		
Chord Direction:	S 0 ⁰ 05'54" E		
Radial Direction:	N 89 ⁰ 42'05" W		
Tangent Direction:	S 0 ⁰ 17'55" W		

Element: Linear

ST ()	1250324.94	2021337.823	6387509.175
TS ()	1287873.77	1983789.506	6387313.520
Tangent Direction:	S 0 ⁰ 17'55" W		
Tangent Length:	37548.83		

Element: Cosine

TS ()	1287873.77	1983789.506	6387313.520
SPI ()	1289489.72	1982173.570	6387305.099
SC ()	1290173.46	1981490.279	6387275.754
Entrance Radius:	0.00		
Exit Radius:	30491.75		
Length:	2299.69		
Angle:	2 ⁰ 09'38" Right		
Constant:	8373.86		
Long Tangent:	1615.96		
Short Tangent:	683.92		
Long Chord:	2299.54		
Xs:	2299.39		
Ys:	25.78		
P:	4.11		
K:	1149.82		
Tangent Direction:	S 0 ⁰ 17'55" W		
Radial Direction:	N 89 ⁰ 42'05" W		
Chord Direction:	S 0 ⁰ 56'28" W		
Radial Direction:	N 87 ⁰ 32'27" W		
Tangent Direction:	S 2 ⁰ 27'33" W		

Element: Circular

SC ()	1290173.46	1981490.279	6387275.754
POT ()	1295112.35	1976555.929	6387063.838
CC ()		1982798.606	6356812.085
CS ()	1299966.20	1971940.769	6385305.140
Radius:	30491.75		
Delta:	18 ⁰ 24'04" Right		
Degree of Curvature(Arc):	0 ⁰ 11'16"		
Length:	9792.75		
Tangent:	4938.90		
Chord:	9750.72		
Middle Ordinate:	392.29		
External:	397.40		
Tangent Direction:	S 2 ⁰ 27'33" W		
Radial Direction:	N 87 ⁰ 32'27" W		
Chord Direction:	S 11 ⁰ 39'35" W		
Radial Direction:	N 69 ⁰ 08'23" W		
Tangent Direction:	S 20 ⁰ 51'37" W		

Element: Cosine

CS ()	1299966.20	1971940.769	6385305.140
SPI ()	1300650.12	1971301.678	6385061.603
ST ()	1302265.89	1969814.412	6384429.654
Entrance Radius:	30491.75		
Exit Radius:	0.00		

Length:	2299.69
Angle:	2 ^{09'38"} Right
Constant:	8373.86
Long Tangent:	1615.96
Short Tangent:	683.92
Long Chord:	2299.54
Xs:	2299.39
Ys:	25.78
P:	4.11
K:	1149.82
Tangent Direction:	S 20 ^{51'37"} W
Radial Direction:	N 69 ^{08'23"} W
Chord Direction:	S 22 ^{22'43"} W
Radial Direction:	N 66 ^{58'45"} W
Tangent Direction:	S 23 ^{01'15"} W

Element: Linear

ST ()	1302265.89	1969814.412	6384429.654
TS ()	1303469.74	1968706.437	6383958.868
Tangent Direction:	S 23 ^{01'15"} W		
Tangent Length:	1203.85		

Element: Cosine

TS ()	1303469.74	1968706.437	6383958.868
SPI ()	1305086.13	1967218.768	6383326.748
SC ()	1305770.05	1966579.507	6383083.138
Entrance Radius:	0.00		
Exit Radius:	30508.25		
Length:	2300.31		
Angle:	2 ^{09'36"} Left		
Constant:	8377.26		
Long Tangent:	1616.40		
Short Tangent:	684.11		
Long Chord:	2300.16		
Xs:	2300.01		
Ys:	25.78		
P:	4.11		
K:	1150.13		
Tangent Direction:	S 23 ^{01'15"} W		
Radial Direction:	N 66 ^{58'45"} W		
Chord Direction:	S 22 ^{22'43"} W		
Radial Direction:	N 69 ^{08'21"} W		
Tangent Direction:	S 20 ^{51'39"} W		

Element: Circular

SC ()	1305770.05	1966579.507	6383083.138
POT ()	1319680.64	1953580.786	6378129.568
CC ()		1955715.504	6411591.500
CS ()	1331872.95	1941316.910	6384694.775
Radius:	30508.25		
Delta:	49 ^{01'20"} Left		
Degree of Curvature(Arc):	0 ^{11'16"}		
Length:	26102.89		
Tangent:	13910.59		
Chord:	25313.95		
Middle Ordinate:	2749.39		
External:	3021.71		
Tangent Direction:	S 20 ^{51'39"} W		
Radial Direction:	N 69 ^{08'21"} W		
Chord Direction:	S 3 ^{39'01"} E		
Radial Direction:	S 61 ^{50'19"} W		
Tangent Direction:	S 28 ^{09'41"} E		

Element: Cosine

CS ()	1331872.95	1941316.910	6384694.775
SPI ()	1332557.05	1940713.788	6385017.644
ST ()	1334173.26	1939318.505	6385833.683
Entrance Radius:	30508.25		
Exit Radius:	0.00		
Length:	2300.31		
Angle:	2 ^{09'36"} Left		
Constant:	8377.26		
Long Tangent:	1616.40		
Short Tangent:	684.11		
Long Chord:	2300.16		
Xs:	2300.01		
Ys:	25.78		
P:	4.11		
K:	1150.13		

Tangent Direction: S 28^{09'41"} E
 Radial Direction: S 61^{50'19"} W
 Chord Direction: S 29^{40'45"} E
 Radial Direction: S 59^{40'43"} W
 Tangent Direction: S 30^{19'17"} E

Element: Linear
 ST () 1334173.26 1939318.505 6385833.683
 TS () 1338356.75 1935707.288 6387945.723
 Tangent Direction: S 30^{19'17"} E
 Tangent Length: 4183.49

Element: Cosine
 TS () 1338356.75 1935707.288 6387945.723
 SPI () 1339762.26 1934494.038 6388655.300
 SC () 1340357.00 1933989.901 6388971.023
 Entrance Radius: 0.00
 Exit Radius: 33008.25
 Length: 2000.25
 Angle: 1^{44'10"} Left
 Constant: 8125.56
 Long Tangent: 1405.52
 Short Tangent: 594.84
 Long Chord: 2000.16
 Xs: 2000.08
 Ys: 18.02
 P: 2.87
 K: 1000.11
 Tangent Direction: S 30^{19'17"} E
 Radial Direction: S 59^{40'43"} W
 Chord Direction: S 30^{50'16"} E
 Radial Direction: S 57^{56'33"} W
 Tangent Direction: S 32^{03'27"} E

Element: Circular
 SC () 1340357.00 1933989.901 6388971.023
 POT () 1343805.63 1931067.129 6390801.454
 CC () 1951509.687 6416946.042
 CS () 1347229.33 1928585.825 6393196.492
 Radius: 33008.25
 Delta: 11^{55'44"} Left
 Degree of Curvature(Arc): 0^{10'25"}
 Length: 6872.33
 Tangent: 3448.63
 Chord: 6859.93
 Middle Ordinate: 178.69
 External: 179.66
 Tangent Direction: S 32^{03'27"} E
 Radial Direction: S 57^{56'33"} W
 Chord Direction: S 38^{01'19"} E
 Radial Direction: S 46^{00'49"} W
 Tangent Direction: S 43^{59'11"} E

Element: Cosine
 CS () 1347229.33 1928585.825 6393196.492
 SPI () 1347824.17 1928157.835 6393609.602
 ST () 1349229.58 1927176.597 6394615.905
 Entrance Radius: 33008.25
 Exit Radius: 0.00
 Length: 2000.25
 Angle: 1^{44'10"} Left
 Constant: 8125.56
 Long Tangent: 1405.52
 Short Tangent: 594.84
 Long Chord: 2000.16
 Xs: 2000.08
 Ys: 18.02
 P: 2.87
 K: 1000.11
 Tangent Direction: S 43^{59'11"} E
 Radial Direction: S 46^{00'49"} W
 Chord Direction: S 45^{12'23"} E
 Radial Direction: S 44^{16'39"} W
 Tangent Direction: S 45^{43'21"} E

Element: Linear
 ST () 1349229.58 1927176.597 6394615.905
 TS () 1350370.31 1926380.214 6395432.631
 Tangent Direction: S 45^{43'21"} E

Tangent Length: 1140.73

Element: Cosine

TS ()	1350370.31	1926380.214	6395432.631
SPI ()	1351845.74	1925350.168	6396488.988
SC ()	1352470.04	1924899.796	6396921.518
Entrance Radius:	0.00		
Exit Radius:	31991.75		
Length:	2099.73		
Angle:	1^52'49" Right		
Constant:	8195.98		
Long Tangent:	1475.43		
Short Tangent:	624.43		
Long Chord:	2099.62		
Xs:	2099.52		
Ys:	20.49		
P:	3.26		
K:	1049.85		
Tangent Direction:	S 45^43'21" E		
Radial Direction:	S 44^16'39" W		
Chord Direction:	S 45^09'48" E		
Radial Direction:	S 46^09'28" W		
Tangent Direction:	S 43^50'32" E		

Element: Circular

SC ()	1352470.04	1924899.796	6396921.518
POT ()	1360274.26	1919271.007	6402327.308
CC ()		1902739.901	6373847.482
CS ()	1367779.47	1911785.224	6404533.867
Radius:	31991.75		
Delta:	27^25'07" Right		
Degree of Curvature(Arc):	0^10'45"		
Length:	15309.43		
Tangent:	7804.22		
Chord:	15163.77		
Middle Ordinate:	911.42		
External:	938.14		
Tangent Direction:	S 43^50'32" E		
Radial Direction:	S 46^09'28" W		
Chord Direction:	S 30^07'59" E		
Radial Direction:	S 73^34'34" W		
Tangent Direction:	S 16^25'26" E		

Element: Cosine

CS ()	1367779.47	1911785.224	6404533.867
SPI ()	1368403.91	1911186.270	6404710.419
ST ()	1369879.20	1909758.119	6405080.921
Entrance Radius:	31991.75		
Exit Radius:	0.00		
Length:	2099.73		
Angle:	1^52'49" Right		
Constant:	8195.98		
Long Tangent:	1475.43		
Short Tangent:	624.43		
Long Chord:	2099.62		
Xs:	2099.52		
Ys:	20.49		
P:	3.26		
K:	1049.85		
Tangent Direction:	S 16^25'26" E		
Radial Direction:	S 73^34'34" W		
Chord Direction:	S 15^06'09" E		
Radial Direction:	S 75^27'23" W		
Tangent Direction:	S 14^32'37" E		

Element: Linear

ST ()	1369879.20	1909758.119	6405080.921
TS ()	1371079.26	1908596.517	6405382.272
Tangent Direction:	S 14^32'37" E		
Tangent Length:	1200.05		

Element: Cosine

TS ()	1371079.26	1908596.517	6405382.272
SPI ()	1372203.62	1907508.186	6405664.616
SC ()	1372679.42	1907050.015	6405793.068
Entrance Radius:	0.00		
Exit Radius:	41008.25		
Length:	1600.16		
Angle:	1^07'04" Left		

Constant:	8100.60
Long Tangent:	1124.36
Short Tangent:	475.84
Long Chord:	1600.13
Xs:	1600.11
Ys:	9.28
P:	1.48
K:	800.08
Tangent Direction:	S 14^32'37" E
Radial Direction:	S 75^27'23" W
Chord Direction:	S 14^52'33" E
Radial Direction:	S 74^20'19" W
Tangent Direction:	S 15^39'41" E

Element: Circular			
SC ()	1372679.42	1907050.015	6405793.068
POT ()	1377570.75	1902340.274	6407113.490
CC ()		1918120.235	6445278.848
CS ()	1382416.09	1898073.237	6409504.633
Radius:	41008.25		
Delta:	13^36'14" Left		
Degree of Curvature(Arc):	0^08'23"		
Length:	9736.67		
Tangent:	4891.34		
Chord:	9713.82		
Middle Ordinate:	288.64		
External:	290.68		
Tangent Direction:	S 15^39'41" E		
Radial Direction:	S 74^20'19" W		
Chord Direction:	S 22^27'48" E		
Radial Direction:	S 60^44'05" W		
Tangent Direction:	S 29^15'55" E		

Element: Cosine			
CS ()	1382416.09	1898073.237	6409504.633
SPI ()	1382891.93	1897658.133	6409737.247
ST ()	1384016.25	1896688.190	6410305.924
Entrance Radius:	41008.25		
Exit Radius:	0.00		
Length:	1600.16		
Angle:	1^07'04" Left		
Constant:	8100.60		
Long Tangent:	1124.36		
Short Tangent:	475.84		
Long Chord:	1600.13		
Xs:	1600.11		
Ys:	9.28		
P:	1.48		
K:	800.08		
Tangent Direction:	S 29^15'55" E		
Radial Direction:	S 60^44'05" W		
Chord Direction:	S 30^03'02" E		
Radial Direction:	S 59^37'01" W		
Tangent Direction:	S 30^22'59" E		

Element: Linear			
ST ()	1384016.25	1896688.190	6410305.924
TC ()	1405227.24	1878390.251	6421033.990
Tangent Direction:	S 30^22'59" E		
Tangent Length:	21210.99		

Element: Circular			
TC ()	1405227.24	1878390.251	6421033.990
POT ()	1406226.79	1877527.975	6421539.542
CC ()		2889951.902	8146367.589
CT ()	1407226.34	1876666.204	6422045.956
Radius:	2000008.25		
Delta:	0^03'26" Left		
Degree of Curvature(Arc):	0^00'10"		
Length:	1999.10		
Tangent:	999.55		
Chord:	1999.10		
Middle Ordinate:	0.25		
External:	0.25		
Tangent Direction:	S 30^22'59" E		
Radial Direction:	S 59^37'01" W		
Chord Direction:	S 30^24'42" E		
Radial Direction:	S 59^33'35" W		
Tangent Direction:	S 30^26'25" E		

Element: Linear
 CT () 1407226.34 1876666.204 6422045.956
 TS () 1427036.61 1859586.634 6432082.647
 Tangent Direction: S 30^{26'25"} E
 Tangent Length: 19810.27

Element: Cosine
 TS () 1427036.61 1859586.634 6432082.647
 SPI () 1428020.24 1858738.592 6432580.993
 SC () 1428436.50 1858376.810 6432786.899
 Entrance Radius: 0.00
 Exit Radius: 50491.75
 Length: 1399.89
 Angle: 0^{47'39"} Right
 Constant: 8407.30
 Long Tangent: 983.63
 Short Tangent: 416.27
 Long Chord: 1399.87
 Xs: 1399.86
 Ys: 5.77
 P: 0.92
 K: 699.94
 Tangent Direction: S 30^{26'25"} E
 Radial Direction: S 59^{33'35"} W
 Chord Direction: S 30^{12'15"} E
 Radial Direction: S 60^{21'14"} W
 Tangent Direction: S 29^{38'46"} E

Element: Circular
 SC () 1428436.50 1858376.810 6432786.899
 POT () 1439294.10 1848940.493 6438157.513
 CC () 1833401.531 6388904.645
 CS () 1449825.99 1838130.617 6439174.442
 Radius: 50491.75
 Delta: 24^{16'19"} Right
 Degree of Curvature(Arc): 0^{06'49"}
 Length: 21389.49
 Tangent: 10857.60
 Chord: 21229.91
 Middle Ordinate: 1128.41
 External: 1154.20
 Tangent Direction: S 29^{38'46"} E
 Radial Direction: S 60^{21'14"} W
 Chord Direction: S 17^{30'37"} E
 Radial Direction: S 84^{37'33"} W
 Tangent Direction: S 5^{22'27"} E

Element: Cosine
 CS () 1449825.99 1838130.617 6439174.442
 SPI () 1450242.26 1837716.173 6439213.431
 ST () 1451225.87 1836735.687 6439291.974
 Entrance Radius: 50491.75
 Exit Radius: 0.00
 Length: 1399.89
 Angle: 0^{47'39"} Right
 Constant: 8407.30
 Long Tangent: 983.63
 Short Tangent: 416.27
 Long Chord: 1399.87
 Xs: 1399.86
 Ys: 5.77
 P: 0.92
 K: 699.94
 Tangent Direction: S 5^{22'27"} E
 Radial Direction: S 84^{37'33"} W
 Chord Direction: S 4^{48'58"} E
 Radial Direction: S 85^{25'12"} W
 Tangent Direction: S 4^{34'48"} E

Element: Linear
 ST () 1451225.87 1836735.687 6439291.974
 POT () 1476922.54 1811121.075 6441343.864
 Tangent Direction: S 4^{34'48"} E
 Tangent Length: 25696.66